

## RECEIVED

NOV 1 4 2002

U.S. Paudinaber rademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## Complete if Known Substitute for form 1449B/PTO **Application Number** 10/066,057 INFORMATION DISCLOSURE **Filing Date** January 31, 2002 STATEMENT BY APPLICANT First Named Inventor Zemel **Group Art Unit** 1617 (use as many sheets as necessary) **Examiner Name** Unassigned **Attorney Docket Number** UTR-104D1 Sheet

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
1	R1	BÖRJESON, M. [1976] "The Aetiology of Obesity in Children," Acta Pædiatr Scan 65:279-87		
0	R2	CARPER, JEAN [2000] "Amazing Food Facts that Astound the Experts," USA Weekend, Aug. 18-20, 2000, p.4		
	R3	CNN, "Zemel Weight Loss Story, March 30, 2000; And NATIONAL DAIRY COUNCIL, "Dairy Foods May Help Control Weight Gain," June 9, 2000, videotape		
	R4	COLINO, S., "Advanced Calcium, Lose Weight, avoid PMS and ward off cancer, all with one basic nutritional element," Women's Sports & Fitness, March 2000, page 56		
	R5	DAVIS, J.; "Weight-Loss Tip: Add Extra Calcium to a Low-Fat Diet, Low-Fat Dairy Products May Help Weight Loss, Control," WebMDHealth, April 17, 2000 (printed from website), Publisher: 2000 Healtheon/WebMD.		
	R6	FLEET, J.C. [1999] "Vitamin D. Receptors: Not Just in the Nucleus Anymore," <i>Nutrition Reviews</i> Vol. 57, No. 2, pp. 60-2		
	R7	FLEURY, CHRISTOPHE, et al. [1997] "Uncoupling Protein-2: a Novel Gene Linked to Obesity and Hyperinsulinemia", Nature Genetics 15:269-72		
	R8	GIMENO, R. et al. [1997] "Cloning and Characterization of an Uncoupling Protein Homolog: A Potential Molecular Mediator of Human Thermogenesis," <i>Diabetes</i> 46:900-06		
	R9	JONES, BRYNN H., et al. [1997] "Angiotensin II Increases Lipogenesis in 3T3-L1 and Human Adipose Cells," Endocrinology, Vol. 138, No. 4, pp. 1512-19		
	R10	KIM, JUNG HAN, et al. [1996] "The Effects of Calcium Channel Blockade on Agouti-Induced Obesity", The FASEB Journal 10:1646-52		
-	R11	LANGE, D., "The Calcium Diet", <i>Allure</i> , August 2000, page 84		
	R12	MASLOWSKA, M. et al. [1998] "Site Specific Binding of Acylation Stimulating Protein (ASP) in Human Adipose Tissue," Int. J. Obesity 22:S108 (P50)		
7	R13	McCARTHY, L., "Got Milk, Lose Weight?", Remedy Magazine, March/April 2000, page 11		

V	•		
Examiner		Date	7/
Signature		Considered	1104

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



NOV 1 4 2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

3

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Sheet

Complete if Known			
Application Number	10/066,057		
Filing Date	January 31, 2002		
First Named Inventor	Zemel		
Group Art Unit	1617		
Examiner Name	Unassigned		
Attorney Docket Number	UTR-104D1		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
4	R14	MOLL, P.P., et al. [1991] "The Genetic and Environmental Sources of Body Mass Index Variability: The Muscatine Ponderosity Family Study," Am. J. Hum. Genet. 49:1243-55		
U	R15	MUNDELL, E.J., "Trying to Lose Weight? Calcium May Help", Reuters health report, April 17, 2000, (printed from website), Publisher: Reuters Limited		
	R16	MYNATT, R. L., et al. [1997] "Combined Effects of Insulin Treatment and Adipose Tissue-Specific Agouti Expression on the Development of Obesity," <i>Proc. Natl. Acad. Sci. USA</i> 94:919-922		
,	R17	NEMERE, I., et al. [1998] "Identification of a Membrane Receptor for 1,25-Dihydroxyvitamin D₃ Which Mediates Rapid Activation of Protein Kinase C," J. of Bone and Mineral Research 13:1353-59		
	R18	PANTALONE, M., "Hello Calcium, Goodbye Fat," UT Agriculture, Fall 2000, pages 5-7		
	R19	RABKIN, R., "Calcium Promotes Weight Loss," Family Circle, Oct. 3, 2000, page 98		
	R20	RALOFF, J.; "Calcium May Become a Dieter's Best Friend", Science News, April 29, 2000, page 277, vol. 157		
	R21	SHI, HANG, et al. [1999] "Role of the Sulfonylurea Receptor in Regulating Human Adipocyte Metabolism," The FASEB Journal 13:1833-38		
	R22	SHI, H. et al. [2000] "Effects of Dietary Calcium on Adipocyte Lipid Metabolism and Body Weight Regulation in Energy-Restricted Mice," FASEB J 14:555.3 (page A790)		
	R23	SHI, H. et al. [2000] "1, 25-Dihydroxyvitamin D (1,25-(OH) <sub>2</sub> -D) Inhibits Uncoupling Protein 2 (UCP2) Expression in Human Adipocytes," Obesity Research 8(1):52S (O154)		
	R24	SHI, H. et al. [2001] "Effects of Dietary Calcium on Adipocyte Lipid Metabolism and Body Weight Regulation in Energy-Restricted aP2-agouti Transgenic Mice," FASEB J 15:291-3 and 10.1096/fj.00-0584fje		
	R25 ·	SHI, H. et al. [2001] "1a, 25-Dihyroxyvitamin D <sub>3</sub> Modulates Human Adipocyte Metabolism via Nongenomic Action," FASEB J 15:835.6 (page A1091)		
7	R26	SMITH, S, "Functional Foods Potential New Functional Qualities of Dairy Foods", NCC Newsletter, 2001, pages 34-5, vol. 3, issue 2; Publisher: Nutrition in Complementary Care		

Examiner	Date	7/ 1/
Signature	Considered	1104

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



NOV 1 4 2002

Approved for use through 10/31/2002. OMB 055 Most U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

3

Substitute for form 1449B/PTO
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

3 of

Sheet

Complete if Known			
Application Number	10/066,057		
Filing Date	January 31, 2002		
First Named Inventor	Zemel		
Group Art Unit	1617		
Examiner Name	Unassigned		
Attorney Docket Number	UTR-104D1		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²	
	R27	SOBEL, R.K. [2000] "Catching' the Fat Bug," U.S. News & World Report p.64		
0	R28	SUMMERBELL, C.D., et al. [1998] "Randomised Controlled Trial of Novel, Simple, and Well Supervised Weight Reducing Diets in Outpatients," BMJ 317:1487-89		
\\\.	R29	UNKNOWN, "5-Step Fat-Blasting Diet," Prevention Magazine, June 2000, page 151		
	R30	UNKNOWN, "Calcium and Weight-Loss", <i>Medizine</i> , Jan-Feb-Mar 2001, page 52		
	R31	ZEMEL, M. et al. [1999] "Calcium and Calcium-Rich Dairy Products Reduce Body Fat," FASEB J 12:LB211		
	R32	ZEMEL, M. et al. [1999] "Synergistism between Diet-Induced Hyperinsulinemia and Adipocyte-Specific Agouti Expression," FASEB J 13:660.3 (page A873)		
	R33	ZEMEL, M., "Readers Want to Know", Bottom Line/Health, October 2000		
	R34	ZEMEL, M. et al. [2001] "Effects of Calcium-Fortified Breakfast Cereal on Adiposity in a Transgenic Mouse Model of Obesity," FASEB J 15:480.7 (page A598)		
	R35_	ZEMEL, M.B., et al. [2000] "Regulation of Adiposity by Dietary Calcium," The FASEB Journal Vol. 14, No. 9, pp. 1132-7		
	R36	ZEMEL, P. et al. [2000] "Increasing Dietary Calcium and Dairy Product Consumption Reduces the Relative Risk of Obesity in Humans," Obesity Research 8(1):118 (HT-04)		
0	R37			
	R38	•		
	R39			

	The state of the s		
Examiner	1	Date	)
Signature		Considered	7/04

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

4

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.